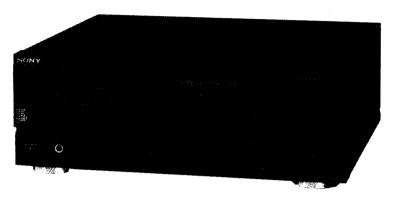
SERVICE MANUAL

AEP Model UK Model



SPECIFICATIONS

Continuous RMS power (both channels driven)

80 W + 80 W (6 ohms) at 1 kHz

70 W + 70 W (6 ohms) at 40 Hz - 20 kHz

Music power output 300 W

Harmonic distortion Less than 0.02% at rated output

IM distortion (60 Hz: 7 kHz = 4:1)

Less than 0.02% at rated output

Frequency response

PHONO: RIAA equalization curve

±0.5 dB

TUNER

TAPE 1, 2 VIDEO/CD

10 Hz - 50 kHz + 0 dB

ADAPTOR

Residual noise

Less than 130 µV (6 ohms network A)

Input

Input	Sensitivity	Impedance	S/N (network, input level)		
PHONO	2.0 mV	50 kohms	70 dB (A, 2.0 mV)		
TUNER TAPE 1, 2 VIDEO/CD ADAPTOR	150 mV	50 kohms	91 dB (A, 150 mV)		

DA converter

Frequency

4 Hz - 20 kHz + 0 dB More than 95 dB

S/N Outputs

> Output Voltage Type Impedance DAT OUT **ADAPTOR** Phono 150 mV 1 kohms **TAPE 1, 2 VIDEO** HEAD-Accepts headphones of 8 ohms Stereo **PHONES** phone or more.

MICROFILM

Tone controls

BASS

±10 dB (at 100 Hz)

TREBLE

±10 dB (at 10 kHz)

BASS BOOST +10 dB (at 20 Hz, 1 W)

General

Power requirements

AEP, West Germany model: 220V AC, 50/60Hz

UK model: 240V AC, 50/60Hz

Power consumption

AEP, West Germany model: 150W

UK model: 350W

AC outlet 1 Unswitched, 200 W max.

Dimensions Approx. 355 × 130 × 368 mm (w/h/d)

Weight

Approx. 10.2 kg (22 lb 8 oz), net

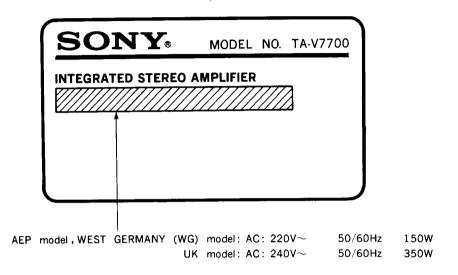
SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK A OF DOTTED LINE WITH MARK A ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUB-LISHED BY SONY.

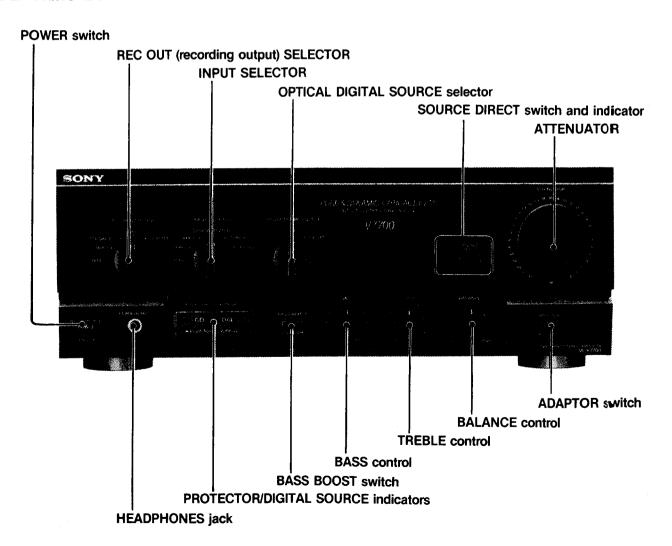


SECTION 1 GENERAL

1-1. MODEL IDENTIFICATION — Specification Label —



1-2. PARTS IDENTIFICATION



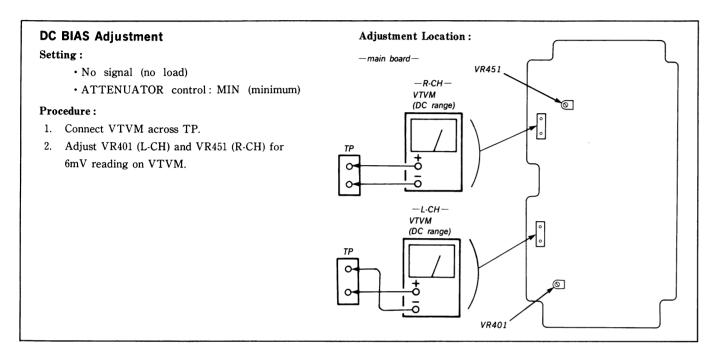
SECTION 2 ELECTRICAL ADJUSTMENT

Before adjustment:

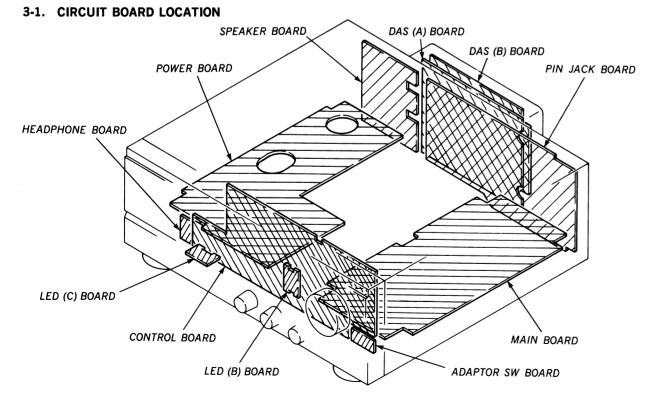
1. Make DC bias adjustment when replacing the following power transistors.

Q401,404—410,413,414 Q451,454—460,463,464

2. Turn VR401 and VR451 fully counterclockwise before power switch is turned on.



SECTION 3 DIAGRAMS



Semiconductor Lead Layouts

CXD1076P TDA1541-N5	TC74HC112P TC74HC123P	2SC634SP	US1060M 10E2N
CXD1088Q	NJM5532D-D	2SC1841-PA 2SC3622A-L	SEL2210S-C SEL2810A-C
CX23065 M5218L μPC1237HA	BA1A4M BN1A4M 2SA1175	2SC2259	sel 2510C
M5F7805 M5F7815 M5F7905 M5F7915	2SA916-L 2SC1941	2SD2012	anode ¹
MC74HC74N SN74LS624N TC74HCU04P TC74HC00P TC74HC393P TC74HC86P	2SA1491 2SA1492 2SC3855 2SC3856	SEL1513E-CD	
1 2 3 4 5 6 7 (Top view)	2SA1684-L 2SC4431-L	cathode	

Semiconduc

Ref. No.	Loc
D301	G-2
D302	G-2
D303	J-1
D304	J-1
D306	J-1
D307	J-1
D308	J-1
D309	J-2
D311	G-1
D312	G-1
D314	G-9
D315	G-1
D401	1-2:
D402	1-24
D403	1-24
D404	H-2
D405	H-2
D406	H-1
D407	H-1
D451	C-2
D452	C-2
D453	C-2
D454	1-24
D455	1-24
D501	H-4
D506	C-8

Semiconduc

Ref. No. Loc

IC701	B-1
IC702	F-2
IC703	G-2
IC704	F-2
IC705	B-2
IC706	D-3
IC707	B-4
IC708	G-3
IC709	D-4
IC710	C-4
IC711	C-3
IC712	B-5
IC713	D-6
IC714	F-6
IC715	D-2
IC716	C-2
Q701	G-6
Q702	G-5
Q703	D-6
Q704	D-5
Q705	G-4
Q706	B-6
Q707	A-6
Q708	B-6
Q709	B-6

Semiconductor Lead Lavouts

 Semiconductor Lead La 	youts		
CXD1076P TDA1541-N5	TC74HC112P TC74HC123P	2SC634SP	US1060M 10E2N
CXD1088Q	NJM5532D-D 8 7 6 5 0 0 0 0 1 2 3 4 (Top view)	2SC1841-PA 2SC3622A-L	SEL2210S-C SEL2810A-C
CX23065 M5218L μPC1237HA	BA1A4M BN1A4M 2SA1175	2SC2259	SEL2510C
M5F7805 M5F7815 M5F7905 M5F7915	2SA916-L 2SC1941	RBV-602-01	
MC74HC74N SN74LS624N TC74HCU04P TC74HC00P TC74HC393P TC74HC86P	2SA1491 2SA1492 2SC3855 2SC3856	SEL1513E-CD	
1 2 3 4 5 6 7 (Top view)	2SA1684-L 2SC4431-L	cathode	

• Semiconductor Location—Amplifier Section—

Ref. No.	Location	Ref. No.	Location	Ref. No.	Location
D301	G-24	D507	C-8	Q409	H-24
D302	G-24			Q410	1-24
D303	J-15	IC101	C-18	Q411	H-26
D304	J-15	IC201	I-13	Q412	1-26
D306	J-14	IC251 -	I-15	Q413	G-26
D307	J-13	IC301	J-14	Q414	H-26
D308	J-13	IC501	E-22	Q415	H-25
D309	J-20	IC502	G-22	Q451	C-23
D311	G-10	IC503	E-22	Q453	C-23
D312	G-10	IC504	F-22	Q454	C-23
D314	G-9			Q455	C-23
D315	G-10	Q301	J-15	Q456	C-24
D401	I-23	Q302	J-15	Q457	D-26
D402	1-24	Q303	J-13	Q458	D-24
D403	I-24	Q304	J-13	Q459	C-24
D404	H-24	Q305	J-13	Q460	D-24
D405	H-24	Q306	G-11	Q461	C-26
D406	H-10	Q307	G-11	Q462	B-26
D407	H-10	Q308	H-11	Q463	E-26
D451	C-24	Q401	I-23	Q464	C-26
D452	C-24	Q403	H-23	Q465	E-25
D453	C-24	Q404	H-23		
D454	I-24	Q405	I-23		
D455	1-24	Q406	H-24		
D501	H-4	Q407	G-26		
D506	C-8	Q408	I-24		

• Semiconductor Location—D/A Converter Section—

Ref. No.	Location
IC701	B-1
IC702	F-2
IC703	G-2
IC704	F-2
IC705	B-2
IC706	D-3
IC707	B-4
IC708	G-3
IC709	D-4
IC710	C-4
IC711	C-3
IC712	B-5
IC713	D-6
IC714	F-6
IC715	D-2
IC716	C-2
Q701	G-6
Q702	G-5
Q703	D-6
Q704	D-5
Q705	G-4
Q706	B-6
Q707	A-6
Q708	B-6
Q709	B-6

• Note on Schematic Diagram—Amplifier Section—

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}W$ or less unless otherwise specified.
- %: indicates tolerance.
- Components for right channel have same values as for left channel. Reference numbers are coded from 150, 160, 250, 260, 450, 460, 470, 480.
- monflammable resistor.
- fusible resistor.
- Switch

Ref.No.	Switch	Position
S201	ADAPTOR	OFF
S202	SOURCE DIRECT	OFF
S204	BASS BOOST	OFF
S205	OPTICAL DIGITAL	DAT
	SOURCE	
S301	INPUT SELECTOR	PHONO
S302	REC OUT SELECTOR	SOURCE
S801	POWER	OFF

●WG model: West Germany model

• : B+ Line

• === : B- Line

• adjustment for repair.

- Voltage and waveforms are dc with respect to ground under no-signal conditions.
- Voltages are taken with a VOM (50 $k\Omega/V$).

Voltage variations may be noted due to normal production tolerances.

Signal path.

: PHONO

☞ : CD

• Note on Schematic Diagram

-D/A Converter Section-

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4}W$ or less unless otherwise specified.
- % : indicates tolerance.
- A reference numbers parenthesized stands for a board mounted on the DAS(B) board.

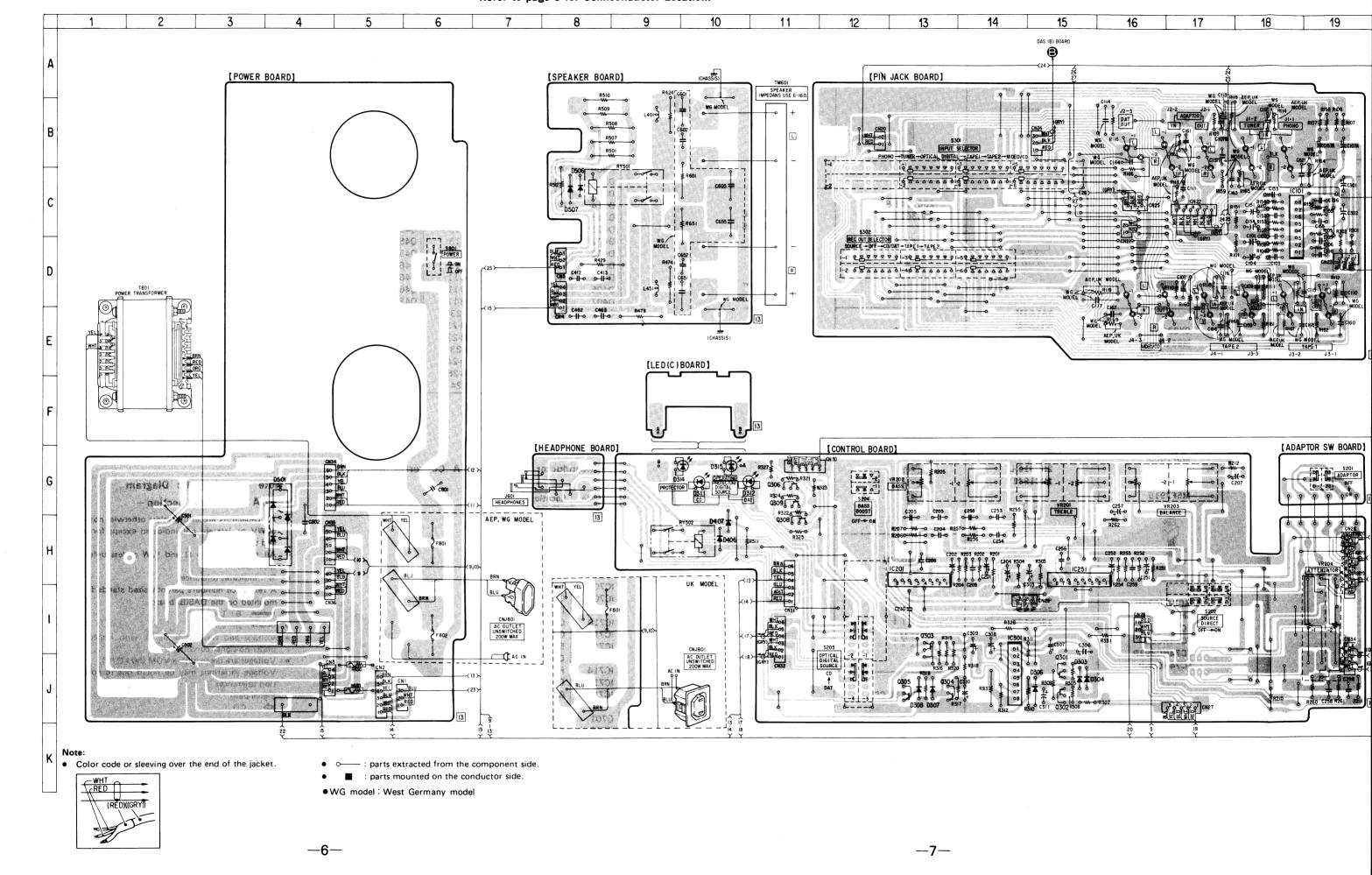
• : B+ Line

• ===: B- Line

- Voltage and waveforms are dc with respect to ground under no-signal conditions.
- Voltages are taken with a VOM (50 $k\Omega/V$). Voltage variations may be noted due to normal produc-
- tion tolerances. Signal path.

☞ : CD

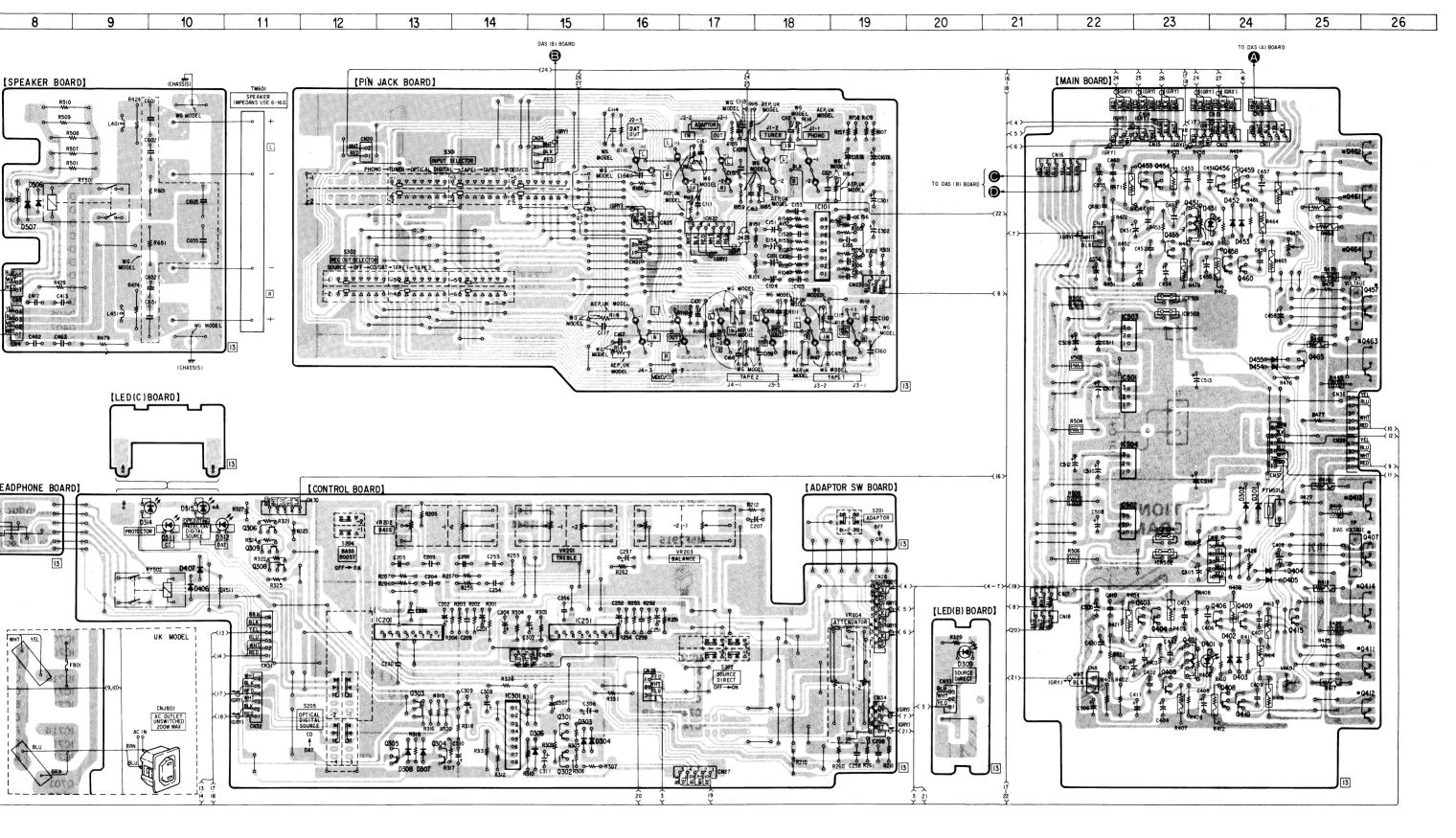
- Refer to page 4 for Semiconductor Lead Layouts.
- Refer to page 5 for Semiconductor Location.

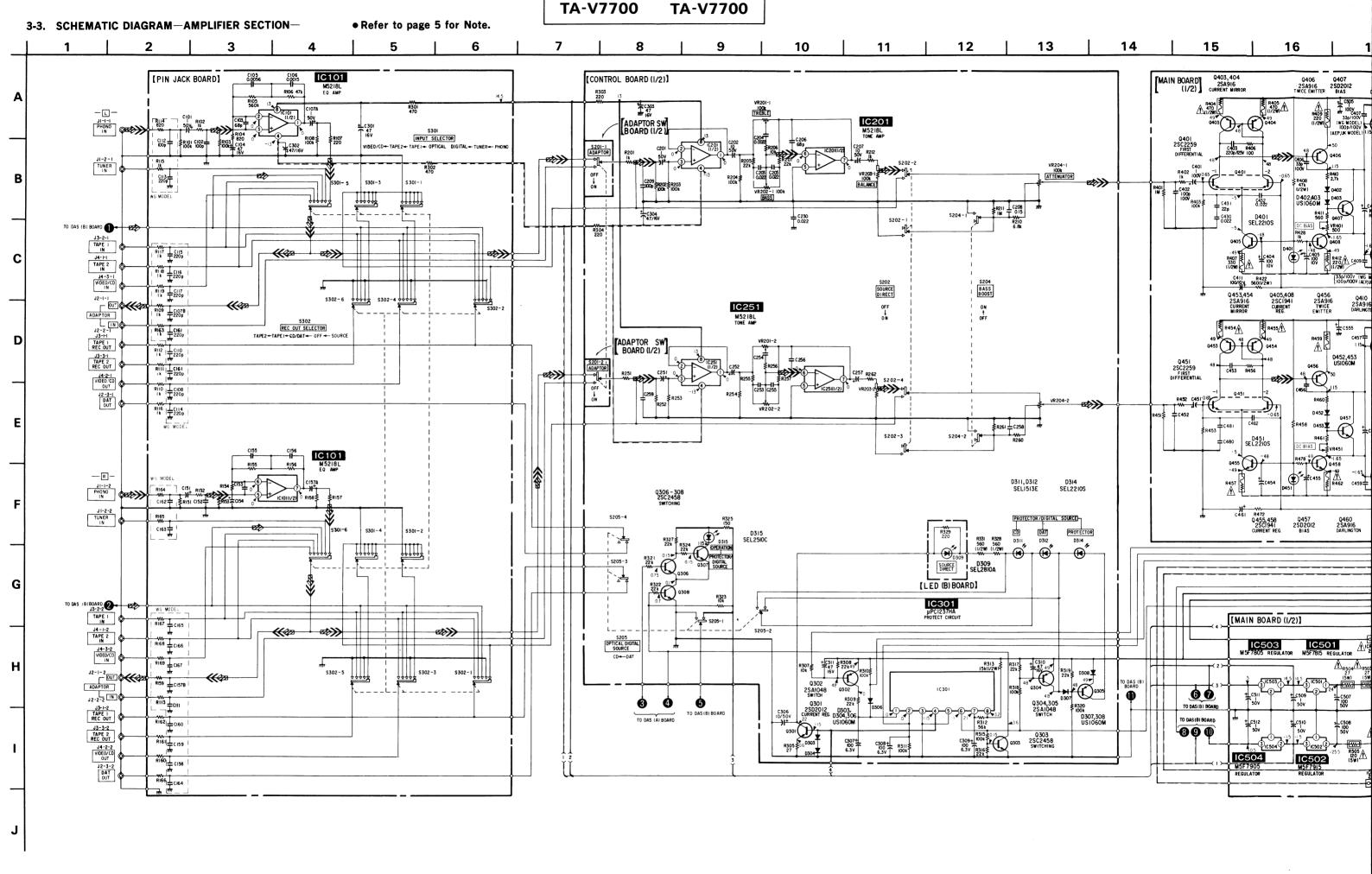


TA-V7700 TA-V7700

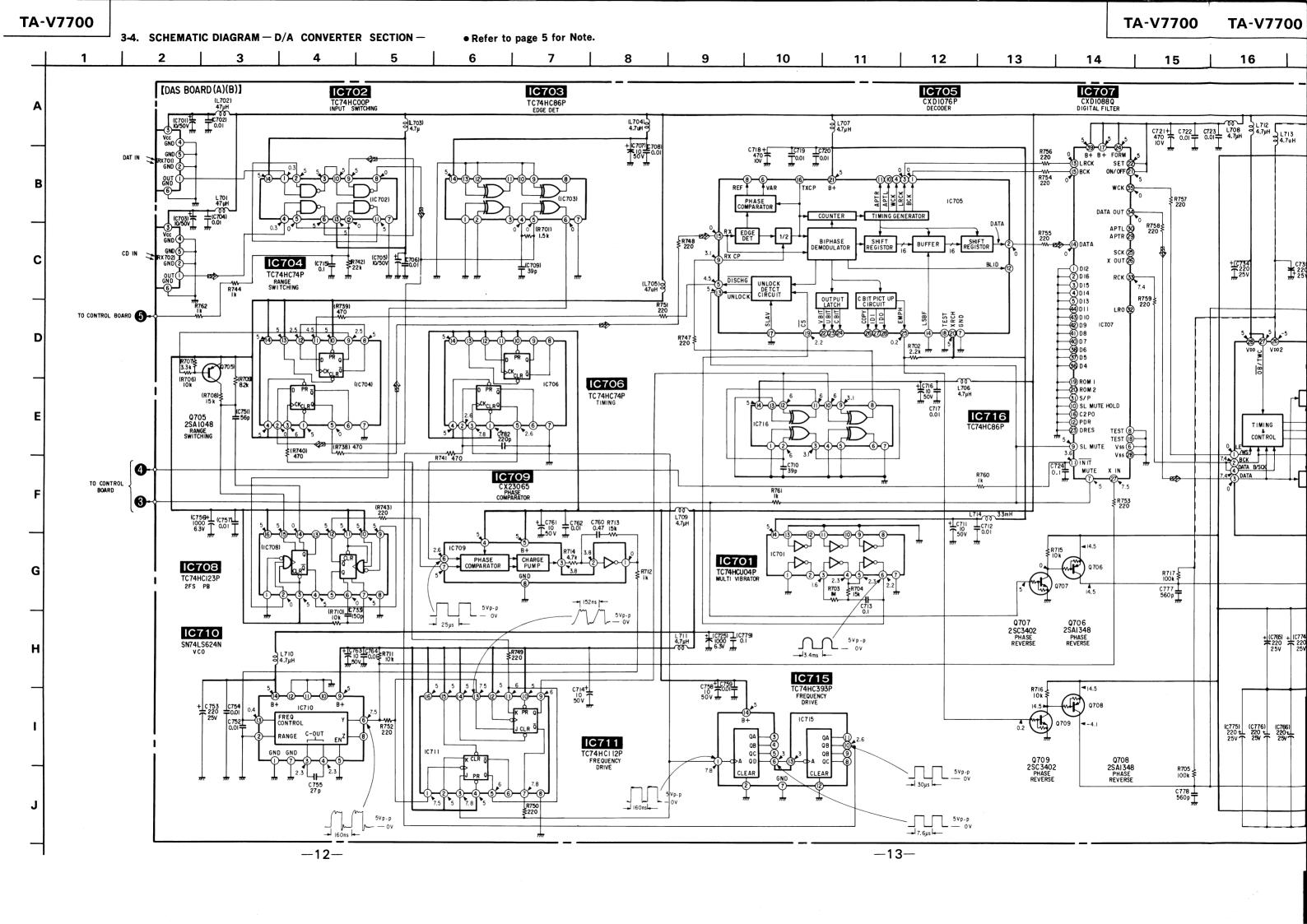
e 4 for Semiconductor Lead Layouts.

e 5 for Semiconductor Location.





Note: The components identified by mark \(\frac{\hat{\Lambda}}{\text{or dotted}} \) or dotted line with mark \(\frac{\hat{\Lambda}}{\text{or are critical for safety}} \). Replace only with part number specified.



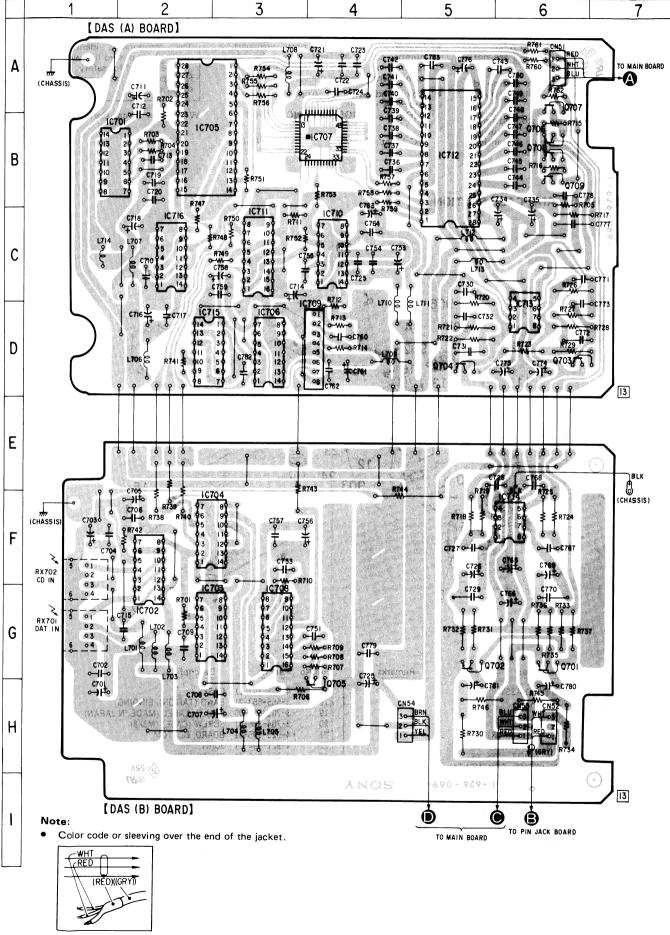
ge 5 for Note. 20 21 17 18 19 22 8 9 10 11 12 13 14 15 16 23 CXD1076P DECODER IC707 CXDI088Q DIGITAL FILTER C703 C74HC86P EDGE DET -6 C72|+ C722 C723 L708 3 4.7µH 3 4.7µH 3 4.7µH (L704) 4.7uH д 2 L707 9 4.7µН TO MAIN BOARD IC713 IC714 **D** NE5532P LPF NE5532P I/V CONVERTER 10719 10720 10.01 10.01 7/54 220 ≹(R725) 2.2 k REF VAR (C769) 22 25V PHASE COMPARATOR 10705 (C767) 0.002 DATA OUT (34 COUNTER TIMING GENERATOR APTL 30 APTR 29 (R70I) 1.5 k R755 220 EDGE DET SHIFT BIPHASE DEMODULATOR SHIFT REGISTOR BUFFER SCK (25) X OUT (26) R727 Ik W R728 470k С Q703 2SC3622A DE - EMPHASIS +[C734 ___220 ___25V 1 012 2 016 3 015 4 014 5 013 4 010 9 010 IC712 Q703 (L705)g 47uH UNLOCK DETCT CIRCUIT TDA 1541-N5 ..4 R759 ≱ 220 ≱ D/A CONVERTER C BIT PICT U Q701 2SC3622A 10707 5 0 0 VD02 D 3.3 -3.7 -3.8 -5.1 -5.4 -7.5 -7,4 (C780) 22 25V L-CH 3x2 BIT ACTIVE DEVICE 10712 TO PIN JACK BOARD (3) ROM 1 (20) ROM 2 (3) S/ P (0) SL MUTE HOLD (6) C2 PO (2) PDR (2) DRS TEST IC706 IC706 (R737) 4.7k 0.7 TC74HC74P L-CH INPUT LATCH L-CH OUTPUT LATCH IC716 TIMING & CONTROL IO B IT PASSIVE DEVICE DRES TEST 8 TEST 8 TEST 8 SHIFT REGISTOR ADDRESS 7.4 2 BCK 4 DATA B/SCK 7.4 3 DATA osc (R733) 4.7k 0.7 (0702) R732 47 k ≨ R760 R-CH OUTPUT LATCH R-CH INPUT LATCH TO PIN JACK BOARD (R73 I) (C78I) 820 22 25V R-CH 3x2 BIT ACTIVE DEVICE L709 4.7µH + C761 C762 ■14.5 IC701 0706 I C783 R717 100k ≸ G 2.3 R703 R704 M \$ 15k C777 560p Q702 2SC3622A Q706 2SAI348 PHASE REVERSE Q707 2 SC3402 PHASE REVERSE 28) 0011 8 14 5 10713(1/2) 3.7 (R718) 2.2k + (C725) _ (C779) 1000 _ 0.1 5vp-p ≹(R719) 1 2.2k IC715 C758 + C759 T ₹14.5 TC74HC393F FREQUENCY DRIVE C714+ 10 50V IC714 IC713 9708 R720 1.8k NE 5532P LPF NE5532P 0.2 0709 10715 (C775) (C776) (C766) 220 t 220 t 220 t 25V 7 25V 7 25V 7 R721 C731 IC711 Q704 TC74HC112P FREQUENCY DRIVE 2SC3622A DE - EMPHASIS Q704 Q709 2SC3402 PHASE REVERSE Q708 2SAI348 PHASE REVERSE C732 0.0047 R705 ₹ C778 1 560p 1 160ns R723 4.7 k -8 TO MAIN BOARD 5∨p-p — 7.6µs — 0∨ -13--14-

TA-V7700

TA-V7700

3-5. PRINTED WIRING BOARD

- \bullet Refer to page 4 for Semiconductor Lead Layouts.
- D/A CONVERTER SECTION • Refer to page 5 for Semiconductor Location.



SECTION 4 EXPLODED VIEWS

NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Due to standardization, parts with part number suffix -XX and -X may be different from the parts specified in the components used on the set.
- Color Indication of Appearance Parts Example:

(RED) . . . KNOB, BALANCE (WHITE)

↑

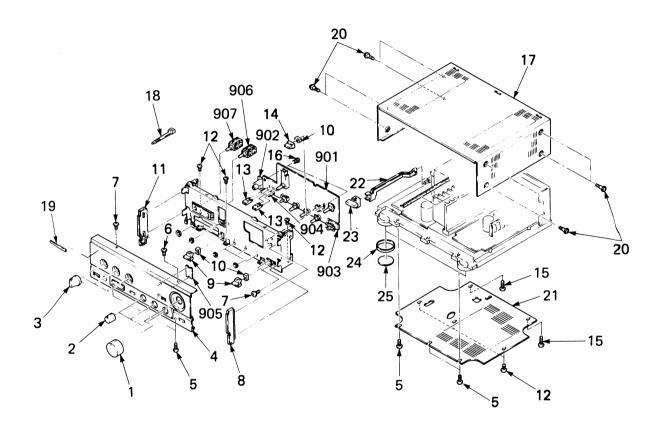
Cabinet's Color

Parts Color

The components identified by mark \(\frac{\hat{\Lambda}}{\text{\text{or dotted line with mark}} \)
Are critical for safety.
Replace only with part number specified.

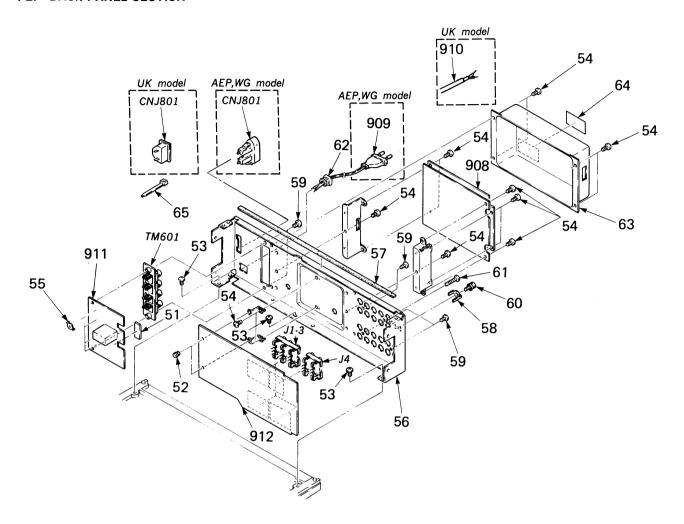
WG model: West Germany model

4-1. FRONT PANEL AND CASE SECTION



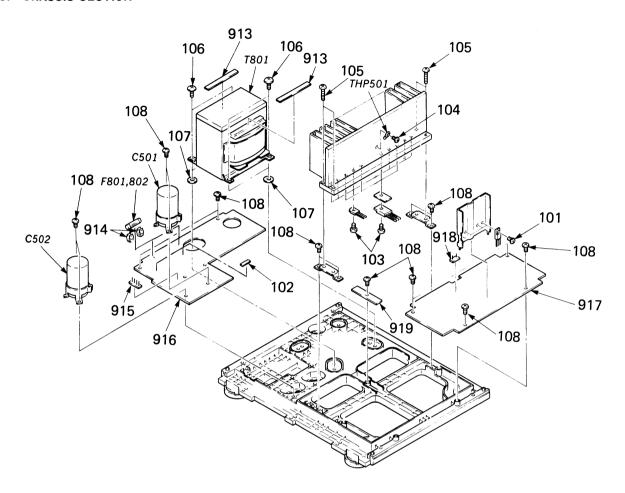
Ref.No	Part No.	Description	Remarks	Ref.No	Part No.	Description	Remarks
1	X-4919-703-1	KNOB (VOL) ASSY	1	17	4-925-107-11	CASE	
2	4-916-746-01	KNOB (DIA.21)		18	3-655-653-21	BAND (TAITON), BINDING	
3	4-921-997-01	KNOB	i	19	3-701-690-00	(UK)LABEL (MADE IN JAPAN)	
4	X-4921-902-1	PANEL ASSY		20	3-704-366-01	SCREW (CASE) (M3X8)	
5	7-685-874-09	SCREW +BVTT 3X12 (S)		21	*4-925-105-01	BOARD, BOTTOM	
6	7-682-547-09	SCREW +BV 3X6, S TIGHT		22	*4-921-994-01	JOINT	
7	7-682-147-01	SCREW +BVTT 3X6 (S)		23	4-921-919-01	BUTTON (P)	
8	4-921-995-01	PLATE (RIGHT), ORNAMENTAL		24	4-921-918-11	PLATE, ORNAMENTAL	
9	4-875-721-00	KNOB, TONE CONTROL		25	4-921-906-01	FELT	
10	* 4-864-307-00	RING		901	* A-4375-367-A	MOUNTED PCB, CONTROL	
11	4-921-996-01	PLATE (LEFT), ORNAMENTAL		902	*1-626-064-11	PC BOARD, HEADPHONE	
12	7-685-647-79	SCREW +BVTP 3X10 TYPE2 SLIT		903	*1-626-068-11	PC BOARD, ADAPTOR SW	
13	* 4-921-998-01	HOLDER, LED		904	*1-626-067-11	PC BOARD, LED (C)	
14	2-363-012-11	KNOB (6X14), CORNER		905	*1-626-066-11	PC BOARD, LED (B)	
15	3-704-379-01	SCREW (+BV S TIGHT 3X16 CLAW)		906	1-571-463-11	SWITCH, ROTARY SLIDE	
16	4-812-134-11	RIVET NYLON, 3.5		907	1-571-464-11	SWITCH, ROTARY SLIDE	

4-2. BACK PANEL SECTION



Ref.No	Part No.	Description	Remarks	Ref.No	Part No.	Description	Remarks
51	*4-883-473-00	SPACER, CASSETTE LID	1	63	*4-925-101-01	CASE, SHIELD	
52	4-812-134-11	RIVET NYLON, 3.5		64	*4-921-954-11	(AEP)LABEL, MODEL NU	MBER (AE)
53	7-685-647-79	SCREW +BVTP 3X10 TYPE2 SLIT		64	*4-921-955-01	(UK)LABEL MODEL NUM	BER (UK)
54	7-682-147-01	SCREW +BVTT 3X6 (S)	İ	64	*4-921-957-01	(WG)LABEL, MODEL NUM	/BER (AÉ4)
55	*4-923-808-01	PLATE		65		BAND (TAITON), BINDING	
56	*4-921-958-11	(AEP, WG)PANEL, BACK		908	*A-4335-813-A	MOUNTED PCB, DAS	
56	*4-921-958-21	(UK)PANEL BACK		909	⚠.1-555-750-00	(AEP, WG)CORD, POWER	{
57	9-911-815-01	CUSHION				(UK)CORD, POWER	
58	3-701-993-00	SPACER, TERMINAL		911		PC BOARD, SPEAKER	
59	7-685-646-79	SCREW +BVTP 3X8 TYPE2 SLIT		912		PC BOARD, PIN JACK	
60	*3-706-165-00	SCREW		CNJ801	LA.1-526-751-00	(UK)OUTLET, AC	
61	3-704-242-01	SCREW, TERMINAL, + BVTP CLAW				(AEP, WG)OUTLET, AC	
62	* 3-703-244-00	BUSHING (2104), CORD				TERMINAL BOARD, 4P	

4-3. CHASSIS SECTION



Ref.No	Part No.	Description	Remarks	Ref.No	Part No.	Description		!	Remarks
101	7-682-547-09	SCREW B 3X6		917	* A-4410-769-A	(AEP, WG)MOL	JNTED PCB, N	MAIN	
102	3-701-947-15	LABEL, FUSE		917	* A-4410-770-A	(UK)MOUNTED	PCB, MAIN		
103	7-682-549-09	SCREW +B 3X10		918 🕰	. * 1-535-115-00	TERMINAL			
104	7-685-646-79	SCREW +BVTP 3X8 TYP	PE2 SLIT	919	*1-626-058-11	PC BOARD, WIRE	CLAMP		
105	7-685-876-09	SCREW +BVTT 3X16 (S)		C501	1-125-519-11	ELECT	12000MF	20%	50V
106	4-304-494-11	SCREW, TAPPING, +PW4X1	16	C502	1-125-519-11	ELECT	12000MF	20%	50V
107	4-916-751-01	WASHER		F801	1.1-532-286-00 1.1-532-286-00	FUSE, TIME-LAG (2.5A)		
108	7-685-647-79	SCREW +BVTP 3X10 TYF	PE2 SLIT	F802	⚠.1-532-286-00	(AEP, WG)FUS	E, TÍME-LAG ((2.5A)	
913	*1-626-061-11	PC BOARD, ELECTRICITY P	REVENTION	THP50	1 1-800-427-00	POSISTOR	,		
914	*1-533-185-11	•		T801	1.1-449-227-11	(UK)TRANSFO	RMER, POWER	₹	
915	*1-535-117-00	· · · · · · · · · · · · · · · ·				(AEP, WG)TRA			
916	*1-626-060-11						,		

SECTION 5 ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS: MF: μF, PF: μμF.

RESISTORS

- All resistors are in ohms.
 F: nonflammable

COILS

• MMH: mH, UH: μH

SEMICONDUCTORS

In each case, U: μ , for example: UA...: μ A..., UPA...: μ PA..., UPC...: μ PD...

The components identified by mark \(\frac{\hat{\Lambda}}{\text{n}} \) or dotted line with mark \(\frac{\hat{\Lambda}}{\text{n}} \) are critical for safety. Replace only with part number specified.

WG model: West Germany model

D (N D		5				5 (1)	5	-			
Ref.No Par	rt No.	Description				Ref. No	Part No.	Description			
		MOUNTED PCB, CON				C161	1-162-286-31		220PF	10%	50V
		PC BOARD, HEADPHO				C162 C163	1-162-282-31		100PF	10%	50V
		PC BOARD, LED (C)	: SW			C163	1-162-286-31	(WG)CERAMIC (WG)CERAMIC	220PF 220PF	10% 10%	50V 50V
		PC BOARD, LED (B)				C165	1-162-286-31	(WG)CERAMIC	220PF	10%	50V
								, ,		. •	
		SWITCH, ROTARY SLI SWITCH, ROTARY SLI				C166 C167	1-162-286-31	(WG)CERAMIC (WG)CERAMIC	220PF 220PF	10%	50V 50V
		MOUNTED PCB, DAS	DL			C201	1-123-611-00		1MF	10% 20%	50V
		(AEP, WG)CORD,	POWER			C202	1-124-261-00		10MF	20%	50V
910 🕭 1-5	56-035-00	(UK)CORD, POWE	R			C203	1-136-157-00	FILM	0.022MF	5%	50V
911 *1-6	26-059-11	PC BOARD, SPEAKER				C204	1-130-475-00	MYLAR	0.0022MF	5%	50V
		PC BOARD, PIN JACK				C205	1-136-157-00		0.022MF	5%	50V
		PC BOARD, ELECTRIC	ITY PREVE	NOITM		C206	1-162-219-31		68PF	5%	50V
		HOLDER, FUSE				C207	1-124-261-00	ELECT	10MF	20%	50V
915 *1-5	35-117-00	TERMINAL				C208	1-136-167-00	FILM	0.15 M F	5%	50V
		PC BOARD, POWER				C209	1-162-282-31		100PF	10%	50V
		(AEP, WG)MOUNT		IAIN	1	C230	1-161-494-00		0.022MF		50V
917 * A-4 918 A. * 1-5		(UK)MOUNTED PO	JB, MAIN			C251 C252	1-123-611-00 1-124-261-00		1MF	20%	50V
		PC BOARD, WIRE CLA	MP			C253	1-136-157-00		10MF 0.022MF	20% 5%	50V 50V
920 *1-5	35-119-00	(AEP, WG)TERMIN	IAL		1	C254	1-130-475-00	MYLAR	0.0022MF	5%	50V
	CA	PACITOR				C255 C256	1-136-157-00 1-162-219-31	FILM CERAMIC	0.022MF 68PF	5% 5%	50V 50V
	<u> </u>					C257	1-124-261-00		10MF	20%	50V
	24-499-11		1MF	20%	50V	C258	1-136-167-00		0.15MF	5%	50V
	62-282-31		100PF	10%	50V						
	62-219-31 24-477-11		68PF 47MF	5% 20%	50V 16V	C259 C301	1-162-282-31 1-124-477-11		100PF	10%	50V
		MYLAR	0.0056MF	5%	50V	C302	1-124-477-11		47MF 47MF	20% 20%	16V 16V
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			-/0		C303	1-124-236-00		47MF	20%	16V
	30-473-00		0.0015MF	5%	50V	C304	1-124-236-00	ELECT	47MF	20%	16V
	24-499-11		1MF	20%	50V	0205	1 100 075 11	FLEOT	10145	000/	501/
		(WG)CERAMIC (WG)CERAMIC	220PF 220PF	10% 10%	50V 50V	C305 C306	1-123-875-11 1-124-261-00		10MF 10MF	20% 20%	50V 50V
		(WG)CERAMIC	220PF	10%	50V	C307	1-123-661-00		100MF	20%	6.3V
		` '		. •		C308	1-123-661-00		100MF	20%	6.3V
		(WG)CERAMIC	220PF	10%	50V	C309	1-123-661-00	ELECT	100MF	20%	6.3V
		(WG)CERAMIC	220PF	10%	50V	C210	1 124 226 00	FLEOT	47145	0007	161/
		(WG)CERAMIC (WG)CERAMIC	100PF 220PF	10% 10%	50V 50V	C310 C311	1-124-236-00 1-124-236-00		47MF 47MF	20% 20%	16V 16V
		(WG)CERAMIC	220PF	10%	50V	C401	1-123-380-00		1MF	20%	100V
				, •		C402	1-107-169-00	MICA	100PF	5%	100V
		(WG)CERAMIC	220PF	10%	50V	C403	1-104-233-00	POLYSTYRENE	220PF	5%	125V
		(WG)CERAMIC	220PF 220PF	10%	50V 50V	C404	1 106 101 11	FLEAT	100145	0007	101/
	02-200-31 24-499-11	(WG)CERAMIC	1MF	10% 20%	50V 50V	C404 C405	1-126-101-11 1-126-101-11		100MF 100MF	20% 20%	10V 10V
	62-282-31		100PF	10%	50V	C406	1-107-159-00		33PF	5%	100V
						C407	1-107-159-00	(AEP, UK)MICA	33PF	5%	100V
	62-219-31		68PF	5%	50V	C407	1-107-169-00	(WG)MICA	100PF	5%	100V
	24-477-11 30-480-00	MYLAR	47MF 0.0056MF	20% 5%	16V 50V	C408	1-126-101-11	ELECT	100845	2007	10\/
	30-460-00 30-473-00	MYLAR	0.0036MF	5% 5%	50V 50V	C408	1-126-101-11 1-107-159-00	(AEP, UK)MICA	100MF 33PF	20% 5%	10V 100V
		ELECT	1MF	20%	50V	C409	1-107-169-00	(WG)MICA	100PF	5%	100V
01570			****			C410	1-107-202-00	MICÁ	10PF	0.5PF	100V
	52-286-31 52-286-31	(WG)CERAMIC	220PF	10%	50V	C411	1-126-101-11	ELECT	100 M F	20%	10V
	52-286-31 52-286-31	(WG)CERAMIC (WG)CERAMIC	220PF 220PF	10% 10%	50V 50V	C412	1-136-161-00	FILM	0.047MF	5%	50V
		(WG)CERAMIC	220PF	10%	50V		1-136-161-00		0.047MF	5% 5%	50V
		•		, •	•					-/0	

Ref.No	Part No.	Description				Ref.No	Part No.	Description			
C430 C431 C432 C451 C452	1-161-494-00 1-162-207-31 1-162-282-31 1-123-380-00 1-107-169-00	CERAMIC CERAMIC CERAMIC ELECT MICA	0.0022MF 22PF 100PF 1MF 100PF	5% 10% 20% 5%	25V 50V 50V 100V	C725 C726 C727 C728 C729	1-124-471-00 1-123-330-00 1-136-022-11 1-136-019-11 1-130-029-00	ELECT ELECT FILM FILM	1000MF 22MF 0.002MF 0.0011MF 0.0082MF	20% 20% 5% 5% 5%	6.3V 25V 50V 50V 50V
C453 C454 C455 C456 C457	1-104-233-00 1-126-101-11 1-126-101-11 1-107-159-00 1-107-159-00	POLYSTYRENE ELECT ELECT MICA (AEP, UK)MICA	220PF 100MF 100MF 33PF 33PF	5% 20% 20% 5% 5%	125V 10V 10V 100V 100V	C730 C731 C732 C733 C734	1-136-022-11 1-130-738-00 1-136-287-11 1-101-361-00 1-124-120-11	FILM FILM CERAMIC ELECT	0.002MF 0.015MF 0.0047MF 150PF 220MF	5% 5% 5% 5% 20%	50V 50V 50V 50V 25V
C457 C458 C459 C459 C460	1-107-169-00 1-126-101-11 1-107-159-00 1-107-169-00 1-107-202-00	(WG)MICA ELECT (AEP, UK)MICA (WG)MICA MICA	100PF 100MF 33PF 100PF 10PF	5% 20% 5% 5% 0.5PF	100V 10V 100V 100V 100V	C735 C736 C737 C738 C739	1-124-120-11 1-136-165-00 1-136-165-00 1-136-165-00 1-136-165-00	ELECT FILM FILM FILM FILM	220MF 0.1MF 0.1MF 0.1MF 0.1MF	20% 5% 5% 5% 5%	25V 50V 50V 50V 50V
C461 C462 C463 C480 C481	1-126-101-11 1-136-161-00 1-136-161-00 1-161-494-00 1-162-207-31	ELECT FILM FILM CERAMIC CERAMIC	100MF 0.047MF 0.047MF 0.0022MF 22PF	20% 5% 5% 5%	10V 50V 50V 25V 50V	C740 C741 C742 C743 C744	1-136-165-00 1-136-165-00 1-136-165-00 1-162-290-31 1-136-165-00	FILM FILM FILM CERAMIC FILM	0.1MF 0.1MF 0.1MF 470PF 0.1MF	5% 5% 5% 10% 5%	50V 50V 50V 50V 50V
C482 C501 C502 C505 C506	1-162-282-31 1-125-519-11 1-125-519-11 1-123-380-00 1-123-380-00	ELECT ELECT ELECT	100PF 12000MF 12000MF 1MF 1MF	10% 20% 20% 20% 20% 20%	50V 50V 50V 100V	C745 C746 C747 C748 C749	1-136-165-00 1-136-165-00 1-136-165-00 1-136-165-00 1-136-165-00	FILM FILM FILM FILM FILM	0.1MF 0.1MF 0.1MF 0.1MF 0.1MF	5% 5% 5% 5% 5%	50V 50V 50V 50V 50V
C507 C508 C509 C510 C511	1-124-122-11 1-124-122-11 1-124-499-11 1-124-499-11 1-124-499-11	ELECT ELECT ELECT	100MF 100MF 1MF 1MF 1MF	20% 20% 20% 20% 20%	50V 50V 50V 50V 50V	C750 C751 C752 C753 C754	1-136-165-00 1-101-884-00 1-136-153-00 1-124-120-11 1-136-153-00	FILM CERAMIC FILM ELECT FILM	0.1MF 56PF 0.01MF 220MF 0.01MF	5% 5% 5% 20% 5%	50V 50V 50V 25V 50V
C512 C513 C514 C555 C556	1-124-499-11 1-124-122-11 1-124-122-11 1-123-380-00 1-123-380-00	ELECT ELECT ELECT	1MF 100MF 100MF 1MF 1MF	20% 20% 20% 20% 20% 20%	50V 50V 50V 100V	C755 C756 C757 C758 C759	1-162-209-31 1-124-471-00 1-136-153-00 1-124-261-00 1-136-153-00	CERAMIC ELECT FILM ELECT FILM	27PF 1000MF 0.01MF 10MF 0.01MF	5% 20% 5% 20% 5%	50V 6.3V 50V 50V 50V
C601 C602 C605 C651 C652	1-136-164-00 1-136-164-00 1-161-326-00 1-136-164-00 1-136-164-00	(WG)FILM (WG)FILM (WG)CERAMIC (WG)FILM (WG)FILM	0.082MF 0.082MF 0.0022MF 0.082MF 0.082MF	5% 5% 30% 5% 5%	50V 50V 50V 50V 50V	C760 C761 C762 C763 C764	1-136-173-00 1-124-261-00 1-136-153-00 1-124-261-00 1-136-153-00	FILM ELECT FILM ELECT FILM	0.47MF 10MF 0.01MF 10MF 0.01MF	5% 20% 5% 20% 5%	50V 50V 50V 50V 50V
C655 C701 C702 C703 C704	1-161-326-00 1-124-261-00 1-136-153-00 1-124-261-00 1-136-153-00	ELECT	0.0022MF 10MF 0.01MF 10MF 0.01MF	30% 20% 5% 20% 5%	50V 50V 50V 50V 50V	C765 C766 C767 C768 C769	1-124-120-11 1-124-120-11 1-136-022-11 1-136-019-11 1-123-330-00	ELECT FILM FILM	220MF 220MF 0.002MF 0.0011MF 22MF	20% 20% 5% 5% 20%	25V 25V 50V 50V 25V
C705 C706 C707 C708 C709	1-124-261-00 1-136-153-00 1-124-261-00 1-136-153-00 1-162-213-31	FILM ELECT FILM	10MF 0.01MF 10MF 0.01MF 39PF	20% 5% 20% 5% 5%	50V 50V 50V 50V 50V	C770 C771 C772 C773 C774	1-130-029-00 1-136-022-11 1-130-738-00 1-136-287-11 1-124-120-11		0.0082MF 0.002MF 0.015MF 0.0047MF 220MF	5% 5% 5% 5% 20%	50V 50V 50V 50V 25V
C710 C711 C712 C713 C714	1-162-213-31 1-124-261-00 1-136-153-00 1-136-165-00 1-124-261-00	ELECT FILM FILM	39PF 10MF 0.01MF 0.1MF 10MF	5% 20% 5% 5% 20%	50V 50V 50V 50V 50V	C775 C776 C777 C778 C779	1-124-120-11 1-124-120-11 1-162-291-31 1-162-291-31 1-136-165-00	ELECT CERAMIC CERAMIC	220MF 220MF 560PF 560PF 0.1MF	20% 20% 10% 10% 5%	25V 25V 50V 50V 50V
C715 C716 C717 C718 C719	1-136-165-00 1-124-261-00 1-136-153-00 1-124-472-11 1-136-153-00	ELECT FILM ELECT	0.1MF 10MF 0.01MF 470MF 0.01MF	5% 20% 5% 20% 5%	50V 50V 50V 10V 50V	C780 C781 C782 C783 C801	1-123-330-00 1-123-330-00 1-102-110-00 1-162-851-11 2.1-161-744-00	ELECT CERAMIC CERAMIC	22MF 22MF 220PF 0.1MF 0.01MF	20% 20% 10% 10%	25V 25V 50V 16V 400V
C720 C721 C722 C723 C724	1-136-153-00 1-124-472-11 1-136-153-00 1-136-153-00 1-136-165-00	ELECT FILM FILM	0.01MF 470MF 0.01MF 0.01MF 0.1MF	5% 20% 5% 5% 5%	50V 10V 50V 50V 50V	CN2 CN3 CN6	* 1-564-507-41 * 1-564-508-11	CERAMIC PLUG, CONNECTOR 6 PLUG, CONNECTOR 4 PLUG, CONNECTOR 5 PLUG, CONNECTOR 2	P P		400V

Ref.No Part No. Description	Ref.No Part No. Description
CN8 *1-564-505-41 PLUG, CONNECTOR 2P CN9 *1-564-506-11 PLUG, CONNECTOR 3P	IC713
CN11 *1-564-508-11 PLUG, CONNECTOR 5P	IC715 8-759-203-40 IC TC74HC393P
CN12 *1-564-509-11 PLUG, CONNECTOR 6P CN13 *1-564-509-11 PLUG, CONNECTOR 6P	IC716 8-759-202-24 IC TC74HC86P
CIVIS AT 304 303-11 TEOU, CONNECTION OF	ICR501 <u>Å</u> .1-532-686-21 LINK, IC ICP-N75 2.7A
CN14 *1-564-512-41 PLUG, CONNECTOR 9P	ICR502A.1-532-686-21 LINK, IC ICP-N75 2.7A
CN15 *1-564-512-41 PLUG, CONNECTOR 9P CN16 *1-564-509-11 PLUG, CONNECTOR 6P	ICR503∱.1-532-686-21 LINK, IC ICP-N75 2.7A ICR504∱.1-532-686-21 LINK, IC ICP-N75 2.7A
CN17 *1-564-506-11 PLUG, CONNECTOR 3P	
CN18 *1-564-506-11 PLUG, CONNECTOR 3P	J1 1-565-304-11 JACK, PIN 4P (PHONO IN, TUNER IN) J2 1-565-305-11 JACK, PIN 6P (ADAPTOR IN/OUT, DAT OUT)
CN26 *1-564-512-11 PLUG, CONNECTOR 9P	J2 1-565-305-11 JACK, PIN 6P (ADAPTOR IN/OUT, DAT OUT) J3 1-565-305-11 JACK, PIN 6P (TAPE 1 IN, TAPE 1 REC OUT, TAPE 2
CN32 *1-564-509-11 PLUG, CONNECTOR 6P	REC OUT)
CN33 *1-564-518-11 PLUG, CONNECTOR 3P CN52 *1-564-506-11 PLUG, CONNECTOR 3P	J4 1-565-305-11 JACK, PIN 6P (TAPE 2 IN, VIDEO /CD IN/OUT) J601 1-565-305-11 JACK, LARGE TYPE 1P (HEADPHONES)
CNJ801 <u>A</u> 1-526-751-00 (UK)OUTLET, AC CNJ801 <u>A</u> 1-526-794-11 (AEP, WG)OUTLET, AC	L401 *1-420-872-00 COIL, AIR CORE 1.9UH L451 *1-420-872-00 COIL, AIR CORE 1.9UH
CH3001/A1 320-734-11 (ALF, WG)OUTEET, AC	L701 1-408-571-00 INDUCTOR 47UH
D301 8-719-200-77 DIODE 10E2N	L702 1-408-571-00 INDUCTOR 47UH
D302 8-719-200-77 DIODE 10E2N D303 8-719-000-26 DIODE US1060M	L703 1-408-559-00 INDUCTOR 4.7UH
D304 8-719-000-26 DIODE US1060M	L704 1-408-559-00 INDUCTOR 4.7UH
D306 8-719-000-26 DIODE US1060M	L705 1-408-559-00 INDUCTOR 4.7UH
D307 8-719-000-26 DIODE US1060M	L706 1-408-559-00 INDUCTOR 4.7UH L707 1-408-559-00 INDUCTOR 4.7UH
D308 8-719-000-26 DIODE US1060M	L708 1-408-559-00 INDUCTOR 4.7UH
D309 8-719-301-52 DIODE SEL2810A-C D311 8-719-310-23 DIODE SEL1513E-CD	L709 1-408-559-00 INDUCTOR 4.7UH
D312 8-719-310-23 DIODE SEL1513E-CD	L710 1-408-559-00 INDUCTOR 4.7UH
DOLL 0 710 001 00 DIADE 05100100 0	L711 1-408-559-00 INDUCTOR 4.7UH
D314 8-719-301-38 DIODE SEL2210S-C D315 8-719-303-00 DIODE SEL2510C-C	L712 1-408-559-00 INDUCTOR 4.7UH L713 1-408-559-00 INDUCTOR 4.7UH
D401 8-719-301-38 DIODE SEL2210S-C	1/20 1 100 303 00 1110001011 1.7011
D402 8-719-000-26 DIODE US1060M D403 8-719-000-26 DIODE US1060M	L714 1-408-930-00 INDUCTOR 33MMH
D403 8 715 000 20 BIODE 031000W	Q301 8-729-209-15 TRANSISTOR 2SD2012
D404 8-719-000-26 DIODE US1060M	Q302 8-729-117-54 TRANSISTOR 2SA1175
D405 8-719-000-26 DIODE US1060M D406 8-719-000-26 DIODE US1060M	Q303 8-729-600-27 TRANSISTOR 2SC634SP Q304 8-729-117-54 TRANSISTOR 2SA1175
D407 8-719-000-26 DIODE USI060M	Q305 8-729-117-54 TRANSISTOR 2SA1175
D451 8-719-301-38 DIODE SEL2210S-C	Q306 8-729-600-27 TRANSISTOR 2SC634SP
D452 8-719-000-26 DIODE US1060M	Q307 8-729-600-27 TRANSISTOR 2506345P
D453 8-719-000-26 DIODE US1060M	Q308 8-729-600-27 TRANSISTOR 2SC634SP
D454 8-719-000-26 DIODE US1060M D455 8-719-000-26 DIODE US1060M	Q401 8-729-625-91 TRANSISTOR 2SC2259 Q403 8-729-191-62 TRANSISTOR 2SA916-L
D501 8-719-302-38 DIODE RBV-602-01	•
D506 8-719-000-26 DIODE US1060M D507 8-719-000-26 DIODE US1060M	Q404 8-729-191-62 TRANSISTOR 2SA916-L Q405 8-729-194-12 TRANSISTOR 2SC1941
D307 8-713-000-20 DIODE 031000W	Q406 8-729-191-62 TRANSISTOR 2S01941
F801 A.1-532-286-00 FUSE, TIME-LAG (2.5A)	Q407 8-729-209-15 TRANSISTOR 2SD2012
F802 ⚠.1-532-286-00 (AEP, WG)FUSE, TIME-LAG (2.5A)	Q408 8-729-194-12 TRANSISTOR 2SC1941
IC101 8-759-600-02 IC M5218L	Q409 8-729-194-12 TRANSISTOR 2SC1941
IC201 8-759-600-02 IC M5218L IC251 8-759-600-02 IC M5218L	Q410 8-729-191-62 TRANSISTOR 2SA916-L Q411 8-729-120-05 TRANSISTOR 2SC4431-L
IC301 8-759-111-68 IC UPC1237HA	Q412 8-729-120-02 TRANSISTOR 2SA1684-L
IC501 8-759-604-34 IC M5F7815	Q413 8-729-304-32 TRANSISTOR 2SC3855
IC502 8-759-604-52 IC M5F7915	Q414 8-729-304-29 TRANSISTOR 2SA1491
IC503 8-759-604-29 IC M5F7805	Q415 8-729-108-05 TRANSISTOR 2SC1841TP-PA
IC504 8-759-604-47 IC M5F7905 IC701 8-759-202-13 IC TC74HCU04P	Q451 8-729-625-91 TRANSISTOR 2SC2259 Q453 8-729-191-62 TRANSISTOR 2SA916-L
IC702 8-759-202-11 IC TC74HC00P	Q454 8-729-191-62 TRANSISTOR 2SA916-L
IC703 8-759-202-24 IC TC74HC86P	Q455 8-729-194-12 TRANSISTOR 2SC1941
IC704 8-759-000-99 IC MC74HC74N	Q456 8-729-191-62 TRANSISTOR 2SA916-L
IC705 8-752-322-31 IC CXD1076P	Q457 8-729-209-15 TRANSISTOR 2SD2012
IC706 8-759-000-99 IC MC74HC74N IC707 8-759-939-35 IC CXD1088Q	Q458 8-729-194-12 TRANSISTOR 2SC1941 Q459 8-729-194-12 TRANSISTOR 2SC1941
•	•
IC708 8-759-202-86 IC TC74HC123P IC709 8-759-918-71 IC CX23065	Q460 8-729-191-62 TRANSISTOR 2SA916-L Q461 8-729-120-05 TRANSISTOR 2SC4431-L
IC710 8-759-906-24 IC SN74LS624N	Q462 8-729-120-02 TRANSISTOR 2SA1684-L
IC711 8-759-202-85 IC TC74HC112P IC712 8-759-939-94 IC TDA1541-N5	Q463 8-729-304-32 TRANSISTOR 2SC3856 Q464 8-729-304-29 TRANSISTOR 2SA1491
10/12 0-/03/202-24 IC 10/1341-140	TENTACE O 1/27-304-27 INNIBICION CONTACT

Ref.No	Part No.	Description				Ref.No	Part No.	Description				
Q465	8-729-108-05	TRANSISTOR 2SC	1841-PA		ı	R256	1-249-429-11	CARBON	10K	5%	1/4W	
Q701	8-729-107-98	TRANSISTOR 250				R257	1-249-433-11	CARBON	22K	5%	1/4W	
Q702	8-729-107-98	TRANSISTOR 2SC				R260	1-249-427-11	CARBON	6.8K	5%	1/4W	
Q703	8-729-107-98	TRANSISTOR 2SC				R261	1-247-903-00	CARBON	1M	5%	1/4W	
Q704	8-729-107-98	TRANSISTOR 2SC	3622A-L			R262	1-249-417-11	CARBON	1K	5%	1/4W	
Q705	8-729-117-54	TRANSISTOR 2SA	1175			R301	1-249-413-11	CARBON	470	5%	1/4W	
Q706	8-729-115-15	TRANSISTOR BNI				R302	1-249-413-11	CARBON	470	5%	1/4W	
Q707 Q708	8-729-115-75 8-729-115-15	TRANSISTOR BAL				R303 R304	1-249-409-11 1-249-409-11	CARBON CARBON	220 220	5% 5%	1/4W 1/4W	
Q708 Q709		TRANSISTOR BAI				R305	1-249-398-11	CARBON	27	5%	1/4W	
•										-		
	RE	SISTOR				R306 R307	1-249-433-11 1-249-429-11	CARBON CARBON	22K 10K	5% 5%	1/4W 1/4W	
						R308	1-249-433-11	CARBON	22K	5%	1/4W	
R101	1-249-441-11		100K	5%	1/4W	R309	1-249-433-11	CARBON	22K	5%	1/4W	
R102	1-249-417-11		1K	5%	1/4W 1/4W	R310	1-249-441-11	CARBON	100K	5%	1/ 4W	
R103 R104	1-249-441-11 1-249-416-11		100K 820	5% 5%	1/4W	R311	1-249-441-11	CARBON	100K	5%	1/4W	
R105	1-247-897-11		560K	5%	1/4W	R312	1-249-438-11	CARBON	56K	5%	1/4W	
D100	1 040 407 11	04.0001	4717	50 /	1 /414/	R313	1-249-487-11	CARBON	15K	5%	1/2W	
R106 R107	1-249-437-11 1-249-409-11	CARBON	47K 220	5% 5%	1/4W 1/4W	R315 R316	1-249-441-11 1-249-433-11	CARBON CARBON	100K 22K	5% 5%	1/4W 1/4W	
R108	1-249-441-11		100K	5%	1/4W	11010	1 245 400 11	OAREDON	LLIN	3/0	1, 444	
R109	1-249-417-11		1K	5%	1/4W	R317	1-249-433-11	CARBON	22K	5%	1/4W	
R110	1-249-417-11	CARBON	1K	5%	1/4W	R318 R319	1-249-441-11 1-249-433-11	CARBON CARBON	100K 22K	5% 5%	1/4W 1/4W	
R111	1-249-417-11	CARBON	1K	5%	1/4W	R320	1-249-441-11	CARBON	100K	5%	1/4W	
R112	1-249-417-11	CARBON	1K	5%	1/4W	R321	1-249-433-11	CARBON	22K	5%	1/4W	
R113 R114	1-247-831-00	(WG)CARBON		5%	1/4W 1/4W	R322	1-249-433-11	CARBON	22K	E0/	1/4W	
R115	1-247-829-00 1-247-831-00	(WG)CARBON (WG)CARBON		5% 5%	1/4W	R323	1-249-433-11	CARBON	10K	5% 5%	1/4W	
		` '		-/0		R324	1-249-433-11	CARBON	22K	5%	1/4W	
R116	1-249-417-11		1K	5%	1/4W	R325	1-249-407-11	CARBON	150	5%	1/4W	
R117 R118	1-247-831-00 1-247-831-00	(WG)CARBON (WG)CARBON		5% 5%	1/4W 1/4W	R327	1-249-433-11	CARBON	22K	5%	1/4W	
R119	1-247-831-00	(WG)CARBON		5%	1/4W	R328	1-247-749-11	CARBON	560	5%	1/2W	
R151	1-249-441-11	CARBON	100K	5%	1/4W	R329	1-249-409-11		220	5%	1/4W	
R152	1-249-417-11	CARRON	1K	5%	1/4W	R331 R401	1-247-749-11 1-246-545-00	CARBON CARBON	560 1 M	5% 5%	1/2W 1/4W	
R153	1-249-441-11		100K	5%	1/4W	R402	1-247-713-11		1K	5%	1/4W	
R154	1-249-416-11	CARBON	820	5%	1/4W							
R155 R156	1-247-897-11	CARBON	560K 47K	5% 5%	1/4W 1/4W	R403	1-249-469-11 1-212-998-00	CARBON FUSIBLE	100K 470	5% 5%	1/4W 1/2W	F
K130	1-249-437-11	CARBON	4/ N	370	1/444		1-212-998-00	FUSIBLE	470	5%	1/2W	F
R157	1-249-409-11		220	5%	1/4W	R406	1-247-700-11	CARBON	100	5%	1/4W	
R158 R159	1-249-441-11		100K	5%	1/4W 1/4W	R407 🕸	.1-212-994-00	FUSIBLE	330	5%	1/2 W	F
R160	1-249-417-11 1-249-417-11	CARBON CARBON	1K 1K	5% 5%	1/4W	R408	1-249-492-11	CARBON	47K	5%	1/2W	
R161	1-249-417-11		1K	5%	1/4W		.1-212-990-00	FUSIBLE	220	5%	1/2W	F
D160	1 040 417 11	OA DRON	11/	F0/	1/44	R410	1-247-718-11	CARBON	2.7K	5%	1/4W	
R162 R163	1-249-417-11	(WG)CARBON	1K 1K	5% 5%	1/4W 1/4W	R411 R412 A	1-247-710-11 1-212-990-00	CARBON FUSIBLE	560 220	5% 5%	1/4W 1/2W	F
R164		(WG)CARBON		5%	1/4W			1001022	220	3/0	-,	•
R165		(WG)CARBON		5%	1/4W		1-212-982-00	FUSIBLE	100	5%	1/2W	F
R166	1-249-417-11	CARBON	1K	5%	1/4W		1.1-212-998-00 1.1-212-982-00	FUSIBLE FUSIBLE	470 100	5% 5%	1/2W 1/2W	F F
R167	1-247-831-00	(WG)CARBON	1K	5%	1/4W	R416 A	1-212-958-00	FUSIBLE	10	5%	1/2W	F
R168		(WG)CARBON		5%	1/4W	R417 🚹	1-212-990-00	FUSIBLE	220	5%	1/2W	F
R169 R201	1-247-831-00 1-249-417-11	(WG)CARBON	1K 100K	5% 5%	1/4W 1/4W	₽418 A	.1-212-958-00	FUSIBLE	10	5%	1/2W	F
R202	1-249-417-11		100K	5%	1/4W		1.1-217-611-00	METAL PLATE	0.1	10%	2W	'
					l		.1-217-611-00	METAL PLATE	0.1	10%	2W	
R203 R204	1-249-441-11 1-249-441-11		100K 100K	5% 5%	1/4W 1/4W	R421 R422	1-249-496-11 1-247-749-11	CARBON CARBON	100K 560	5%	1/2W 1/2W	
R205	1-249-441-11		22K	5%	1/4W	11422	1-24/-/45-11	CARBON	300	5%	1/244	
R206	1-249-429-11	CARBON	10K	5%	1/4W	R424	1-247-727-11		10	5%	1/2W	
R207	1-249-433-11	CARBON	22K	5%	1/4W	R425 R426	1-247-700-11	CARBON	100	5%	1/4W 1/4W	
R210	1-249-427-11	CARBON	6.8K	5%	1/4W	R420 R427	1-249-431-11 1-249-437-11		15K 47K	5% 5%	1/4W 1/4W	
R211	1-247-903-00	CARBON	1 M	5%	1/4W	R428	1-247-713-11		1K	5%	1/4W	
R212	1-249-417-11		1K	5%	1/4W	D/120	1_240_405 11	CARRON	0.2	E0/	1 /2\4/	
R251 R252	1-249-417-11 1-249-441-11		1K 100K	5% 5%	1/4W 1/4W	R429 R430 Æ	1-249-485-11 1-213-096-00	CARBON FUSIBLE	8.2 330	5% 5%	1/2W 1W	F
				-/0	,	R451	1-246-545-00	CARBON	1M	5%	1/4W	
R253	1-249-441-11		100K	5%	1/4W	R452	1-247-713-11		1K	5%	1/4W	
R254 R255	1-249-441-11 1-249-433-11		100K 22K	5% 5%	1/4W 1/4W	R453	1-249-469-11	CARBUN	100K	5%	1/4W	
	11	-		- / 0	• • • • •							

Ref.N	o Part No.	Description					Ref.No	Part No.	Description			
R455 R456	⚠.1-212-998-00 ⚠.1-212-998-00 1-247-700-11 ⚠.1-212-994-00 1-249-492-11	FUSIBLE CARBON FUSIBLE	470 470 100 330 47K	5% 5% 5% 5% 5%	1/2W 1/2W 1/4W 1/2W 1/2W	F F	R728 R729 R730 R731 R732	1-246-537-00 1-249-425-11 1-247-712-11 1-247-712-11 1-249-465-11	CARBON CARBON CARBON	470K 4.7K 820 820 47K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W
R460 R461 R462	⚠.1-212-990-00 1-247-718-11 1-247-710-11 ⚠.1-212-990-00 ⚠.1-212-982-00	CARBON CARBON FUSIBLE	220 2.7K 560 220 100	5% 5% 5% 5% 5%	1/2W 1/4W 1/4W 1/2W 1/2W	F F	R733 R734 R735 R736 R737	1-249-425-11 1-247-712-11 1-247-712-11 1-249-465-11 1-249-425-11	CARBON CARBON CARBON	4.7K 820 820 47K 4.7K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W
R465 R466 R467	⚠.1-212-998-00 ⚠.1-212-982-00 ⚠.1-212-958-00 ⚠.1-212-990-00 ⚠.1-212-958-00	FUSIBLE FUSIBLE FUSIBLE FUSIBLE FUSIBLE	470 100 10 220 10	5% 5% 5% 5% 5%	1/2W 1/2W 1/2W 1/2W 1/2W	F F F F	R738 R739 R740 R741 R742	1-249-413-11 1-249-413-11 1-249-413-11 1-249-413-11 1-249-433-11	CARBON CARBON CARBON	470 470 470 470 22K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W
	⚠.1-217-611-00 ⚠.1-217-611-00 1-249-496-11 1-247-749-11 1-247-727-11	CARBON	0.1 0.1 100K 560 10	10% 10% 5% 5% 5%	2W 2W 1/2W 1/2W 1/2W		R743 R744 R745 R746 R747	1-249-409-11 1-249-417-11 1-249-465-11 1-249-465-11 1-249-409-11	CARBON CARBON CARBON	220 1K 47K 47K 220	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W
R475 R476 R477 R478 R479	1-247-700-11 1-249-431-11 1-249-438-11 1-247-713-11 1-249-485-11	CARBON CARBON CARBON	100 15K 56K 1K 8.2	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/2W		R748 R749 R750 R751 R752	1-249-409-11 1-249-409-11 1-249-409-11 1-249-409-11 1-249-409-11	CARBON CARBON CARBON	220 220 220 220 220 220	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W
R501 R502 R503	⚠.1-213-096-00 1-247-746-11 ⚠.1-207-932-00 ⚠.1-207-932-00 ₾.1-207-932-00	FUSIBLE CARBON WIREWOUND WIREWOUND WIREWOUND	330 390 27 27 27	5% 5% 10% 10% 10%	1W 1/2W 5W 5W 5W	F F F	R753 R754 R755 R756 R757	1-249-409-11 1-249-409-11 1-249-409-11 1-249-409-11 1-249-409-11	CARBON CARBON CARBON	220 220 220 220 220 220	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W
	⚠.1-207-934-00 ⚠.1-207-682-00 1-247-747-11 1-247-755-11 1-247-755-11	CARBON	120 47 470 1.8K 1.8K	10% 10% 5% 5% 5%	5W 5W 1/2W 1/2W 1/2W	F F	R758 R759 R760 R761 R762	1-249-409-11 1-249-409-11 1-249-417-11 1-249-417-11 1-249-417-11	CARBON CARBON CARBON	220 220 1K 1K 1K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W
R510 R511 R512 R701 R702	1-247-755-11 1-249-430-11 1-247-757-11 1-249-419-11 1-249-421-11	CARBON CARBON CARBON	1.8K 12K 2.7K 1.5K 2.2K	5% 5% 5% 5% 5%	1/2W 1/4W 1/2W 1/4W 1/4W		RY501	1-464-931-11 1-515-501-00				
R703 R704 R705 R706 R707	1-247-903-00 1-249-431-11 1-249-441-11 1-249-429-11 1-249-423-11	CARBON CARBON	1M 15K 100K 10K 3.3K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		S202 S204 S205	1-571-459-11 1-571-462-11	SWITCH, PUSH SWITCH, PUSH SWITCH, ROTAR SOURCE)	(1 KEY) (I RY, SLIDE	BASS B (OPTIC	OOST) AL DIGITAL
R708 R709 R710 R711 R712	1-249-431-11 1-249-428-11 1-249-429-11 1-249-429-11 1-249-417-11	CARBON CARBON CARBON	15K 8.2K 10K 10K 1K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		S201	1-571-461-11 1-554-920-21 1-571-466-11	SWITCH, SLIDE SWITCH, SLIDE SWITCH, PUSH SWITCH, PUSH	(REC OUT (AC POWI (1 KEY) (A	T SELEC ER)(1 K ADAPTO	CTOR) EY) DR)
R713 R714 R715 R716 R717	1-249-431-11 1-249-425-11 1-249-429-11 1-249-429-11 1-249-441-11	CARBON CARBON CARBON	15K 4.7K 10K 10K 10K	5% 5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		T801 <u>A</u> THP501	1-800-427-00	(UK)TRANS (AEP, WG)T POSISTOR TERMINAL BOA	RANSFOR		
R718 R719 R720 R721 R722	1-247-717-11 1-247-717-11 1-247-716-11 1-247-713-11 1-246-537-00	CARBON CARBON CARBON	2.2K 2.2K 1.8K 1K 470K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		VR202 VR203 VR204	1-238-109-11 1-238-110-11	RES, VAR, CARE RES, VAR, CARE RES, VAR, CARE RES, VAR, CARE RES, ADJ, CARE	BON 100K/ BON 100K/ BON 100K/	'100K (E '100K (E	BASS) BALANCE)
R723 R724 R725 R726 R727	1-249-425-11 1-247-717-11 1-247-717-11 1-247-716-11 1-247-713-11	CARBON CARBON CARBON	4.7K 2.2K 2.2K 1.8K 1K	5% 5% 5% 5%	1/4W 1/4W 1/4W 1/4W 1/4W		VR451	1-237-455-11	RES, ADJ, CARE	80N 500		

Ref.No Part No.

Description

ACCESSORY & PACKING MATERIAL

1-559-847-11 CORD, CONNECTION
3-786-048-11 MANUAL, INSTRUCTION
3-786-048-41 MANUAL, INSTRUCTION
*4-925-133-01 CUSHION, UPPER
*4-925-134-01 CUSHION, LOWER
*4-925-141-01 INDIVIDUAL CARTON